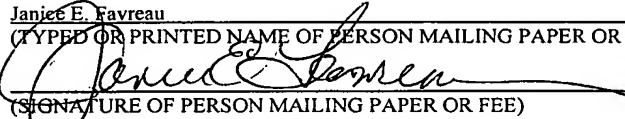


"EXPRESS MAIL" MAILING LABEL NUMBER EV 331997496 US  
DATE OF DEPOSIT September 22, 2004  
I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE  
UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE"  
SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED  
TO THE COMMISSIONER FOR PATENTS, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

Janice E. Favreau  
(TYPED OR PRINTED NAME OF PERSON MAILING PAPER OR FEE)  
  
(SIGNATURE OF PERSON MAILING PAPER OR FEE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of: )  
)  
Katsumi KAKUTA, et al. )  
)  
Title: ANGLE DETERMINING APPARATUS )  
AND ANGLE DETERMINING SYSTEM )  
)  
Serial No.: National Stage Entry of )  
Int'l Appln. No: PCT/JP2003/03457 )  
Int'l Filing Date: March 20, 2003 )  
)  
Filed On: Simultaneously herewith ) (Our Docket No: 6305-0008WOUS)

Hartford, Connecticut - September 22, 2004

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**PRELIMINARY AMENDMENT**

SIR:

Applicants respectfully request the following Preliminary Amendments be  
made to U.S. National Stage application identified above and enclosed herewith.

**Amendments to the Specification** begin on page 2 of this Preliminary  
Amendment.

**Amendments to the Claims** begin on page 3 of this Preliminary Amendment.

**Amendments to the Abstract** are on page 9 of this Preliminary Amendment.

**Remarks** begin on page 10 of this Preliminary Amendment.